

FORM 1449 (MODIFIED) Docket NO.: 58 USSN: 10/613,567

APPLICANT: JOHN Y, CHEN

FILING DATE: 4/21/03 GROUP: 1651 Sheet 1 Of 1

PUBLICATION

df G. I. McCracken., et, al. EFFECT OF BRUSHING FORCE AND TIME ON PLAQUE REMOVAL USING A POWERED TOOTHBRUSH, J CLIN PERIODONTAL 2003; 30: 409-413, ISSN 0303-6979. Copy attached.

df US Patent Application Publication 10/24/02 20020152538 FINGER GLOVE, Inventors: McDevitt, Jason P., et. al., USSN 09/826413, filed 4/4/01. First page from USPTO data base attached.

df US Patent Application Publication 11/21/02 DENTAL WIPE, Inventors: McDevitt, Jason P., et. al., USSN 09/826411. First page of USPTO data base attached.

EXAMINER *John P. Hagg* | DATE CONSIDERED

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EXAMINER: INITIAL CITATION CONSIDERED. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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US PATENT DOCUMENTS

EX	✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
CA		3660849	5/9/72	JONNES	2 2.1	7/13/70
CB		3821149	6/28/74	MAKOWSKI	260 30.6	9/28/73
CD		3827999	8/6/74	CROSSLAND	260 33.6	8/6/74
CE		3860013	1/14/75	CZAPOR	132 91	7/17/72
CF		4136699	6/30/79	COLLINS	128 290	1/21/77
CG		4151057	4/24/79	ST. CLAIR		8/14/78
CH		4176240	11/27/79	SABIA	174 23	5/30/78
CI		4259540	3/31/81	SABIA		4/20/79
CJ		4351913	9/28/82	PATEL		1/4/82
CK		4361508	11/30/82	BOURLAND	523 173	10/20/80
CL		4369284	1/18/83	CHEN		3/28/80
CM		4432607	2/21/84	LEVY	350 96.34	10/27/81
CN		4492428	1/8/85	LEVY		8/16/82
CO		4497538	2/5/85	PATEL		8/10/83
CP		4509821	4/9/85	STENGER	350 96.23	9/1/83
CQ		4600261	7/15/86	DEBBAUT		10/12/82
CR		4610738	9/9/86	JERVIS	156 49	1/4/85
CS		4618213	10/21/86	CHEN		1/18/84
TC		4643924	2/17/87	UKEN	428 35	5/2/85
CU		4662692	5/5/87	UKEN	339 96	5/2/85
CV		4678664	7/7/87	SCHMOLKA	424 65	9/30/82
CW		4680233	7/14/87	CAMIN	428 424.6	5/2/85
CX		4690831	9/1/87	UKEN	427 44	6/18/86
CY		4692369	9/8/87	NOMI	428 198	12/9/85
CZ		4709982	12/1/87	CORNE	427 44	11/13/85
DA		4716183	12/29/87	GAMARRA	522 90	11/22/85
DB		4721832	1/26/88	TOY	174 87	5/2/86
DC		4764535	8/16/88	LEICHT		8/6/84
DD		4798853	1/17/89	HANDLIN	523 173	1/20/87
DE		4801346	1/31/89	HUDDLESTON		7/30/86
DF		4822834	4/18/89	BLEVINS	524 427	4/19/88
DG		4833193	5/23/89	SIEVERDING		8/14/87
DH		4842931	6/27/89	ZOOK	428 354	7/19/88
DI		4864725	9/12/89	DEBBAUT	29 871	4/18/88
DJ		4865905	9/12/89	UKEN	428 220	12/9/88
DK		4880676	11/14/89	PULGCERVER	428 35.7	11/14/89
DL		4880878	11/14/89	HIMES	525 89	12/29/87
DM		4883431	11/28/89	UKEN		9/26/86
DN		4888070	12/19/89	CLARK		12/1/87
DO		4889171	12/26/89	COVINGTON	428 304	4/21/88
DP		4889403	12/26/89	ZUCKER		12/23/87
DR		4900877	2/13/90	DUBROW	174 35	7/12/88
D		4909756	3/20/90	JERVIS		8/31/88
DT		4929211	5/29/90	RESNICK	446 14	12/2/88
DU		4942270	7/17/90	GAMARRA	174 93	7/12/88
DV		4944363	7/31/90	OSHER	273 58	2/6/90
DW		4944973	7/31/90	FOLLETTE		9/13/89

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US PATENT DOCUMENTS

EX	✓	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
DS		4909756	3/20/90	JERVIS		8/31/88
DT		4929211	5/29/90	RESNICK	446 14	12/2/88
DU		4942270	7/17/90	GAMARRA	174 93	7/12/88
DV		4944363	7/31/90	OSHER	273 58	2/6/90
DW		4944973	7/31/90	FOLLETTE		9/13/89
DX		4968747	11/6/90	MALLIKARJUN	525 74	3/30/90
DY		4983008	1/8/91	CAMPBELL	350 96.16	11/1/88
DZ		5026054	6/25/91	OSHER	273 58	7/18/90
EA		5059748	10/22/91	ALLEN	174 87	4/26/90
EB		5068138	11/26/91	MITCHELL	428 36.8	7/23/90
EC		5085597	2/4/92	STORY	439 521	3/28/91
ED		5088734	2/18/92	GLAVA	273 73	1/9/91
EE		5098421	3/24/92	ZOOK	604 367	10/16/89
EF		5126182	6/30/92	DOUGLAS	428 90	1/22/90
EG		5149736	9/22/92	GAMARRA	524 490	5/7/90
EH		5153254	10/6/92	CHEN	524 505	6/24/88
EI		5159022	10/27/92	IKEMATU	525 250	5/21/91
EJ		5167649	12/1/92	ZOOK	604 307	4/17/92
EK		5173573	12/22/92	JERVIS	174 138	3/15/91
EL		5177143	2/27/90	TOY	524 848	2/27/90
EM		5181914	1/26/93	ZOOK	604 307	5/6/92
EN		5191752	3/9/93	MURPHY	54 44.5	5/4/92
EO		5221534	6/22/93	DESLAURIERS	424 78.03	2/4/91
EP		5239723	8/31/93	CHEN	15 104	8/24/92
EQ		5262468	11/16/93	CHEN	524 476	5/23/91
ER		5324222	6/28/94	CHEN	446 34	4/29/92
ES		5330452	7/19/94	ZOOK	604 307	6/1/93
ET		5313019	5/17/94	BRUSSELMANS	174 93	12/2/92
EU		5334646	8/2/94	CHEN	524 474	10/6/92
EV		5336708	8/9/94	CHEN	524 474	8/24/92
EW		5459193	10/17/95	ANDERSON	524 505	2/23/95
EX		5475890	12/19/95	CHEN	15 104	8/30/93
EY		5479952	1/2/96	ZACHARIADES	132 321	2/23/95
EZ		5559165	8/8/95	PAUL	523 111	8/8/95
FA		5606149	2/25/97	YAWORSKI	174 92	10/13/94
FB		5618882	4/8/97	HAMMOND	525 92	11/14/94
FC		5624294	4/29/97	CHEN	446 253	11/15/93
FD		5626657	5/6/97	PEARCE	106 122	8/22/96
FE		5633286	5/27/97	CHEN	524 474	8/11/94
FF		5655947	8/12/97	CHEN	446 46	5/23/91
FG		5618882	4.8.97	HAMMOND	525/92D	PCT 5.10.93
FH		5603122	2/18/97	Kania	2/239	3/20/95

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US PATENT DOCUMENTS

EX	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
G	3860013	1.14.75	CZAPOR	132/91	7.17.72
H	4880878	11.14.89	HIMES	525/89	12.29.87
I	5479952	1.2.96	ZACHARIADES	132/321	2.23.95
J	5618882	4.8.97	HAMMOND	525/92D	PCT 5.10.93

PUBLICATION

FM "STYRENE-DIENE TRIBLOCK COPOLYMERS: ORIENTATION CONDITIONS AND MECHANICAL PROPERTIES OF THE ORIENTED MATERIALS" A. WEILL AND R. PIXA, JOURNAL OF POLYMER SCIENCE POLYMER SYMPOSIUM 58, 381-394 (1977).

FN ~~TUFTEC TRADE LITERATURE, ASANI CHEMICAL CO., LTD., SYNTHETIC RUBBER DIVISION, ENGLISH AND JAPANESE 14 PAGES.~~

FO SEPTON TRADE LITERATURE, KURARAY CO., LTD. 1995.8 (4,000) 15 PAGES.

FP ~~SHELL CHEMICAL CO., DATA SHEETS: EKP-207 (093094-02) AND L-1203 (SC-2384-950~~

FQ SC:1102-89 SHELL CHEMICAL TECHNICAL BULLETIN "KRATON® THERMOPLASTIC RUBBER IN OIL GELS", APRIL 1989

FR ~~"TUFTEC" its characteristics and applications, Assahi Chemical.~~

FS SEPTON, High Performance Thermoplastic Rubber, Kuraray Co., LTD., 1995.

FT KRATON POLYMERS, May 1997, Shell Chemical Company.

EU ~~Silipos-product-catalogue.~~

FV ~~Silipos-products-catalogue-sheets: Silosheath, Pressure Ulcers, Friction Sleeves with Gel, Gel-E-Rol & Friction Tape, Mesh Tubing, Silopad.~~

FW Silipos manual, 1994.

QD Melt Miscibility In Blends Of Polypropylene, Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polystyrene, and Processing Oil From Melting Point Depression, Ohlsson et al., Polymer Engineering and Science, 1996, Vol. 36, No. 11.

FX Blends And Thermoplastic Interpenetrating Polymer Networks Of Polypropylene And Polystyrene-Block-Poly(Ethylene-Stat-Butylene)-Block-Polystyrene Triblock Copolymer. 1: Morphology And Structure-Related Properties, Ohlsson, et al., Polymer Engineering and Science, 2/1996, Vol. 36, No.4.

FY Migration And Blooming Of Waxes To The Surface Of Rubber Vulcanizates, Nah, et al., J. Of Polymer Science: Polymer Physics Ed., Vol. 18, 511-521 (1980).

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US PATENT DOCUMENTS

EX	PATENT NO.	ISSUE DATE	PATENTEE	CLASS/SUBCLASS	FILING DATE
M	5994450	11/30/99	Pearce	524/505	1/10/97
N	3821148	6/28/74	Makowski	C08F	9/28/73
O	5952396	9/14/99	Chang	522/001	6/16/97
P	3821149	6/28/74	Makowski	260/30.6R	9/28/73
Q	5863977	1/26/99	Fisher	C08L 9/06	2/12/97
R	5929138	7/27/99	Mercer	C08K	11/5/96
S	5994446	11/30/99	Graykys	C08K 5/01	5/25/98
T	5872201	2/16/99	Cheung	C08F 212/08	2/6/97

PUBLICATION

U "SiloLiner" Sales literature from Knit-Rite medical (March 1, 1999 three pages).

V ALPS South Corporation -Gel Liners: NEW! Easy Liner ELPX, ELDT and ELFR published fact sheet downloaded from the Internet on 8/10/99.

W Chung P. Park and George P. Clingerman, "Compatibilization of Polyethylene-Polystyrene Blends with Ethylene-Styrene Random Copolymers", the Dow Chemical Company, May 1996.

X Steve Hoenig, Bob Turley and Bill Van Volkenburgh, "Material Properties and Applications of Ethylene-Styrene Interpolymers", the Dow Chemical Company, September 1996.

Y Y. Wilson Cheung and Martin J. Guest, "Structure, Thermal Transitions and Mechanical Properties of Ethylene/Styrene Copolymers", the Dow Chemical Company, May 1996. (17)

Z Teresa Plumley Karjaia, Y. Wilson Cheung and Martin J. Guest, "Melt Rheology and Processability of Ethylene/Styrene Interpolymers", the Dow Chemical Company, May 1997.

ZA D. C. Prevorsek, et al., "Origins of Damage Tolerance in Ultrastrong Polyethylene Fibers and Composites", Journal of Polymer Science: Polymer Symposia No. 75, 81-104 (1993).

ZB Chen, H., et al, "Classification of Ethylene-Styrene Interpolymers Based on Comonomer Content", J. Appl. Polym. Sci., 1998, 70, 109.

ZC Alizadeh, et al., "Effect of Topological Constraints on The Crystallization Behavior of Ethylene/alpha-Olefin Copolymers", PMSE, Vol, 81, pp. 248-249, August 22-26, 1999.

ZD Guest, et al., "Structure/Property Relationships of Semi-Crystalline Ethylene-Styrene Interpolymers (ESI)", PMSE, Vol, 81, pp. 371-372, August 22-26, 1999.

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PUBLICATION

- GG D. C. Prevorsek, et al., "Origins of Damage Tolerance in Ultrastrong Polyethylene Fibers and Composites:", Journal of Polymer Science: Polymer Symposia No. 75, 81-104 (1993).
- GH Chen, H., et al, "Classification of Ethylene-Styrene Interpolymers Based on Comonomer Content", J. Appl. Polym. Sci., 1998, 70, 109.
- GI Alizadeh, et al., "Effect of Topological Constraints on The Crystallization Behavior of Ethylene/alpha-Olefin Copolymers", PMSE, Vol, 81, pp. 248-249, August 22-26, 1999.
- GJ Guest, et al., "Structre/Property Relationships of Semi-Crystalline Ethylene-Styrene Interpolymers (ESI)", PMSE, Vol, 81, pp. 371-372, August 22-26, 1999.

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